## **ABSTRACT**

An object of the present invention is to provide a reagent for protein synthesis by a simple operation which is advantageous in a cell-free 5 protein synthesis in many samples in a test using an aimed (specific) protein or a high throughput analysis using a protein chip, etc. and also to provide a method for the synthesis of protein using the same. Further objects are to provide a protein library using the above-mentioned reagent, a kit for preparing a protein chip, a kit for testing an aimed (specific) 10 protein, etc.